

Rates of Reported Confirmed and Probable Cases of Selected Notifiable Diseases, by 5-Year Age Group and Gender, per 100,000 population, Arizona, 2012

Disease	Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Gender																				
Campylobacteriosis	Male	42.4	16.2	5.7	6.2	7.5	4.8	4.9	5.4	6.4	7.3	5.7	6.7	4.4	6.2	9.5	5.9	7.3	6.5	14.8
	Female	25.3	18.3	5.6	11.7	13.0	17.0	13.2	11.7	13.6	9.2	11.5	15.6	17.6	22.1	12.8	10.0	9.1	12.6	13.9
	Total	34.0	17.2	17.5	25.1	30.6	28.0	23.7	23.4	26.8	23.8	22.2	27.1	24.2	31.5	29.3	20.0	20.5	17.5	14.5
Coccidioidomycosis	Male	12.8	34.1	31.9	59.7	61.3	71.2	82.9	97.2	103.8	100.6	107.5	112.3	112.3	128.9	148.2	140.6	146.7	113.4	164.1
	Female	13.3	35.7	81.4	160.4	180.1	235.8	295.2	317.7	330.7	321.7	299.2	292.5	304.7	341.4	307.1	315.5	326.6	424.8	227.4
	Total	13.1	34.8	150.0	292.0	327.1	396.3	477.5	522.7	547.1	523.9	499.5	482.8	485.7	549.2	554.0	545.1	528.8	425.2	198.8
Cryptosporidiosis	Male	1.8	0.4	0.0	0.0	0.2	0.5	0.7	0.2	0.0	0.7	0.7	0.5	0.8	0.7	0.0	0.6	0.0	0.0	0.8
	Female	0.9	0.9	0.0	0.0	0.8	0.4	0.0	0.5	0.5	1.5	0.5	0.0	1.2	1.4	0.0	1.3	3.6	0.0	0.6
	Total	1.4	0.7	0.0	0.0	1.4	1.4	1.4	1.0	0.5	2.9	1.9	1.0	2.6	2.5	0.0	2.2	2.9	0.0	0.7
<i>E. coli</i> (all Shiga-toxin producing)	Male	12.8	4.3	1.5	1.7	0.2	0.0	1.2	0.2	0.2	0.2	0.2	0.3	0.0	0.7	0.4	0.6	0.0	0.9	2.2
	Female	7.4	5.3	3.0	2.1	1.3	0.9	1.8	0.5	1.4	1.5	0.0	2.2	1.2	2.1	0.9	1.3	3.6	0.0	2.1
	Total	10.1	4.8	6.3	5.7	1.9	0.9	4.3	1.0	1.9	1.9	0.5	2.5	1.1	3.1	1.6	2.2	2.9	1.5	2.2
Giardiasis	Male	4.9	3.8	0.4	0.4	0.7	0.5	1.4	0.2	1.4	0.7	0.9	1.0	0.8	0.7	0.4	0.0	1.6	0.0	1.9
	Female	5.1	1.8	0.0	0.4	0.0	0.9	1.8	2.4	1.9	1.9	0.5	2.7	1.8	1.4	2.7	2.5	0.0	0.0	1.6
	Total	5.0	2.8	0.9	1.3	1.4	1.9	4.7	3.0	4.8	3.4	2.3	4.4	3.2	2.5	3.3	2.2	2.9	0.0	1.7
Haemophilus influenzae (invasive)	Male	6.6	3.0	0.0	0.2	0.4	0.7	0.2	0.0	0.5	0.2	1.2	2.1	0.6	1.3	2.2	1.2	3.2	1.8	2.0
	Female	5.1	0.9	0.4	0.0	0.0	1.3	0.0	0.5	0.9	0.0	2.4	1.1	2.4	1.4	4.6	10.0	1.8	20.1	1.7
	Total	5.9	2.0	0.4	0.4	0.9	2.8	0.5	0.5	1.9	0.5	4.6	4.9	3.2	3.7	8.1	11.1	7.3	14.6	1.8
Hepatitis A	Male	0.4	0.0	0.0	0.2	1.8	0.9	0.7	0.7	1.2	0.2	0.7	0.5	1.1	0.3	0.9	1.2	0.8	0.0	1.3
	Female	0.5	0.0	0.0	1.7	3.4	0.9	0.9	1.0	2.8	1.5	1.4	4.8	1.8	0.7	2.7	2.5	3.6	0.0	1.6
	Total	0.5	0.0	0.0	2.2	7.4	2.8	2.4	2.5	5.3	1.9	2.8	5.4	3.7	1.2	4.1	4.4	4.4	0.0	1.4
Hepatitis B (acute)	Male	0.0	0.0	0.0	0.0	0.4	1.4	0.9	2.2	1.4	1.7	2.4	1.0	2.5	0.7	1.3	1.2	1.6	0.9	2.1
	Female	0.0	0.0	0.0	0.0	0.4	0.9	0.5	3.4	1.9	2.4	1.4	3.2	0.6	1.4	0.9	1.3	1.8	5.0	1.1
	Total	0.0	0.0	0.0	0.0	1.4	3.8	2.4	8.0	4.8	5.8	6.0	4.9	5.3	2.5	3.3	3.3	4.4	4.4	1.6
Hepatitis B (chronic)	Male	0.9	1.3	1.1	2.8	6.6	10.6	13.4	16.5	15.4	11.4	13.0	12.4	7.8	6.9	5.2	6.5	2.4	1.8	16.0
	Female	0.9	0.9	1.7	5.8	13.5	18.4	25.9	25.3	11.3	9.2	14.9	12.4	13.5	15.9	8.2	6.3	9.1	0.0	11.2
	Total	0.9	1.1	4.0	11.9	28.7	41.3	54.4	59.3	42.6	32.0	39.8	35.0	26.9	27.2	17.1	17.8	11.7	2.9	13.7
Legionellosis	Male	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.7	0.5	1.0	1.7	1.0	1.7	2.9	1.6	0.9	1.0
	Female	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5	0.0	0.7	1.8	2.5	5.4	0.0	0.4
	Total	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.5	1.9	1.4	2.5	3.2	2.5	4.9	7.8	7.3	1.5	0.7

Rates of Reported Confirmed and Probable Cases of Selected Notifiable Diseases, by 5-Year Age Group and Gender, per 100,000 population, Arizona, 2012

Disease	Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Gender																				
Meningitis -- Aseptic	Male	9.7	2.6	1.1	4.3	3.1	4.1	3.5	2.7	4.7	2.9	1.9	2.8	1.4	2.9	3.9	3.5	4.1	1.8	6.1
	Female	10.1	1.3	3.0	3.3	9.3	13.4	14.1	7.8	6.6	10.2	6.2	8.6	8.8	8.3	6.4	10.0	7.3	12.6	7.8
	Total	9.9	2.0	5.4	12.3	16.7	22.8	21.8	13.5	16.3	16.0	9.7	13.3	10.5	13.0	13.0	15.5	13.2	10.2	7.0
Methicillin-resistant <i>Staphylococcus aureus</i> (invasive)	Male	2.2	0.4	0.0	0.4	2.6	4.1	4.6	4.9	8.3	11.9	12.0	16.2	18.3	20.2	28.4	34.1	38.9	49.8	19.5
	Female	2.3	0.9	0.9	2.1	4.2	6.3	5.0	6.3	12.7	12.6	16.3	23.7	22.4	39.4	28.3	51.3	54.4	83.0	13.0
	Total	2.3	0.7	0.9	3.1	10.2	15.2	14.7	16.4	29.7	36.4	39.4	52.8	54.8	73.5	79.0	109.9	114.3	126.7	16.8
Pertussis	Male	71.5	33.2	21.5	10.5	2.0	2.8	1.4	2.5	2.8	4.4	3.3	1.8	1.9	3.3	0.9	1.8	0.0	2.8	15.5
	Female	65.3	37.4	35.8	16.3	8.8	13.0	11.3	15.5	19.2	13.6	16.3	10.2	14.7	4.8	5.5	7.5	7.3	0.0	19.1
	Total	68.5	35.3	81.3	38.7	13.9	19.5	14.7	20.9	25.4	22.3	22.2	12.8	16.9	10.5	6.5	10.0	5.9	4.4	17.4
Rocky Mountain Spotted Fever	Male	1.3	0.4	0.2	0.4	0.2	0.0	0.5	0.2	0.9	0.2	0.5	0.5	0.0	0.0	0.4	0.0	0.8	0.0	0.7
	Female	0.5	0.9	0.4	0.8	0.4	1.3	0.9	1.5	1.9	1.5	1.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	Total	0.9	0.7	0.9	1.8	0.9	1.4	1.9	2.0	3.8	1.9	2.3	2.5	0.0	0.0	0.8	0.0	1.5	0.0	0.8
Salmonellosis	Male	45.9	10.6	5.5	5.1	3.7	4.1	4.9	3.2	3.3	5.1	4.2	3.9	3.1	5.5	5.2	5.9	7.3	3.7	11.7
	Female	50.1	13.8	7.8	9.2	7.2	9.4	7.7	11.2	12.7	15.0	14.4	16.2	12.4	14.5	21.0	32.6	12.7	10.1	14.6
	Total	48.0	12.2	19.3	20.2	15.8	18.5	18.0	17.9	19.6	25.2	22.2	22.2	16.9	23.5	28.5	40.0	23.4	11.6	13.2
Shigellosis	Male	24.3	25.1	2.4	2.8	2.2	1.4	1.4	2.0	0.9	1.9	1.2	0.5	1.4	0.7	0.9	0.6	2.4	0.9	6.2
	Female	29.0	25.4	9.0	4.2	4.2	6.7	2.7	3.4	3.8	1.9	1.9	5.4	6.5	5.5	0.0	2.5	5.4	5.0	7.4
	Total	26.6	25.3	14.4	10.1	9.3	10.0	5.7	7.5	5.7	5.8	4.2	5.9	8.4	6.2	1.6	3.3	8.8	4.4	6.8
Streptococcus Group A (invasive)	Male	2.2	2.1	0.4	0.4	0.7	1.2	0.9	2.0	0.5	1.2	1.2	2.8	3.6	4.6	3.0	1.8	3.2	4.6	3.2
	Female	0.9	0.4	0.0	1.3	2.1	1.3	2.7	1.9	2.8	1.5	6.2	3.2	4.7	5.5	6.4	1.3	12.7	15.1	2.7
	Total	1.6	1.3	0.9	2.2	3.7	3.8	4.7	6.0	3.8	3.9	8.3	8.4	11.1	13.6	11.4	4.4	16.1	16.0	3.1
Streptococcus Group B (invasive, <90 days)	Male	0.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5
	Female	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.6
	Total	0.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.6
Streptococcus pneumoniae (invasive)	Male	9.7	4.3	1.8	0.4	1.8	1.4	2.3	2.7	5.0	7.3	7.5	10.8	8.3	9.1	9.0	14.1	13.0	13.8	10.4
	Female	12.0	3.1	1.7	2.1	3.8	1.8	5.9	1.9	4.7	9.2	11.5	17.2	17.6	18.7	28.3	40.1	21.8	57.8	9.6
	Total	10.8	3.7	5.4	3.1	7.9	4.7	10.9	7.5	14.8	23.8	25.9	36.5	31.6	34.0	42.4	62.2	41.0	55.3	10.2
West Nile Virus	Male	0.4	0.0	0.0	0.4	0.0	1.2	0.7	1.0	2.1	2.4	1.4	2.1	3.1	3.6	3.4	2.4	4.1	0.0	2.7
	Female	0.0	0.4	0.4	0.8	0.0	1.8	1.4	2.9	0.9	1.0	1.9	2.2	2.4	2.1	5.5	2.5	1.8	7.5	1.5
	Total	0.2	0.2	0.4	1.8	0.0	4.3	2.8	5.0	5.3	5.8	4.6	5.9	7.9	8.6	11.4	6.7	8.8	4.4	2.1

Notes: Non-resident cases have been excluded. Only incident cases are reported. *E.coli* includes both *E.coli* O157:H7 and other Shiga-toxin positive *E.coli*. *Haemophilus influenzae* includes all invasive *H. influenzae*, not just meningitis, as of 1995. Cases reported with an unknown sex or unknown age were added into the total for each morbidity. Rates calculated for Streptococcus-Group B (invasive disease in infants <90 days old) represent the number of cases per 1000 live births; all other morbidities are per 100,000 Arizona residents in appropriate county, sex, race/ethnicity or age group. Reported coccidioidomycosis cases were elevated from June 2009 through December 2012 when a major commercial laboratory changed its reporting practices for coccidioidomycosis.

Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services.